

IN THE CLAIMS

1. (Currently Amended) A light scanning apparatus ~~that scans~~configured to scan a scanned face with a light beam, comprising:
~~an adjusting unit that adjusts a liquid crystal element configured to deflect the light beam to adjust~~ the position of a light spot of said light beam formed on the scanned face, said liquid crystal element being provided between a light source and a polygon mirror; and
a compensating unit ~~that compensates~~ configured to compensate the light intensity of said the light beam at said the scanned face due to a change caused by the adjustment of the position of said the light spot.

2. (Currently Amended) The light scanning apparatus as claimed in claim 1, wherein said light scanning apparatus scans said scanned face with a plurality of ~~(N)~~ N light beams emitted by “N” N light sources~~[(;)]~~, and said adjusting unit liquid crystal element further comprises at least “N-1” N-1 deflecting units located between said light source and a scanning unit, wherein each of the deflecting units deflects a corresponding one of the plurality of light beams in sub-scan directions and adjusts scan line pitch.

3. (Currently Amended) The light scanning apparatus as claimed in claim [[2]] 1, wherein the deflecting units are said liquid crystal element further comprises a liquid crystal deflecting elements element.

4. (Original) The light scanning apparatus as claimed in claim 2, wherein said deflecting unit further comprises a semiconductor laser and a coupling lens combined with a holder rotatable around an axis parallel to the optical axis of said coupling lens, the emission source of said semiconductor laser being eccentric to said optical axis.

5. (Currently Amended) The light scanning apparatus as claimed in claim 4, wherein said deflecting unit further comprises an aperture combined with said holder ~~that shapes~~ configured to shape said light beam, said aperture being eccentric to the light path of said light beam emitted by said semiconductor laser and passing through the center of said coupling lens.

6. (Currently Amended) The light scanning apparatus as claimed in claim 1, wherein said ~~adjusting unit~~ liquid crystal element further comprises a liquid crystal deflecting element array having a plurality of liquid crystal deflecting elements arrayed in main-scan directions, each of which ~~deflects~~ is configured to deflect said light beam in sub-scan directions, said liquid crystal deflecting element array being provided between said scanning unit and said scanned face.

7. (Currently Amended) The light scanning apparatus as claimed in claim 1, further comprising a detecting unit ~~that detects~~ configured to detect the intensity of said light beam.

8. (Currently Amended) The light scanning apparatus as claimed in claim 7, wherein said detecting unit is further configured to detect ~~detects~~ said light beam for synchronization of light scanning.

9. (Currently Amended) The light scanning apparatus as claimed in claim 1, wherein said compensating unit is configured to control ~~controls~~ the radiation intensity of said light source.

10. (Currently Amended) The light scanning apparatus as claimed in claim 1, further comprising an aperture [[,]] provided between said light source and said scanning unit [[,]] ~~that shapes and configured to shape~~ said light beam[[;]], wherein said compensating unit ~~is configured to displace~~ ~~displacees~~ said aperture.

11. (Currently Amended) The light scanning apparatus as claimed in claim 1, wherein said compensating unit ~~is configured to control~~ ~~controls~~ a transmissivity adjusting unit provided between said light source and said scanning unit.

12. (Original) The light scanning apparatus as claimed in claim 1, further comprising a resin lens provided in the optical path from said light source to said scanned face.

13. (Currently Amended) An image forming apparatus, comprising:
a photosensitive medium; and
a light scanning apparatus ~~that scans~~ configured to scan said photosensitive medium with a light beam[[;]], wherein said light scanning apparatus further comprising comprises:
an adjusting unit that adjusts a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on said photosensitive medium, said liquid crystal element being provided between a light source and a polygon mirror; and

a compensating unit that compensates configured to compensate the light intensity of ~~the~~ said the light beam at said the photosensitive medium due to a change caused by the adjustment of said position of said the light spot.

14. (Currently Amended) The image forming apparatus as claimed in claim 13, wherein said photosensitive medium is a photoconductive photosensitive body[[]], and an electrostatic latent image formed by the light scanning is made visible by being converted into a toner image.

15. (Currently Amended) The image forming apparatus as claimed in claim 14, wherein said light scanning apparatus is configured to scan ~~seans~~ said photoconductive photosensitive body with a plurality of ~~(N)~~ N light beams emitted by “N” N light sources[[]], said adjusting unit liquid crystal element further comprises at least “N-1” N-1 deflecting units located between said light source and a scanning unit, wherein each of the deflecting units deflects being configured to deflect a corresponding one of the plurality of light beams in sub-scan directions and adjusts to adjust scan line pitch.

16. (Original) The image forming apparatus as claimed in claim 13, wherein said image forming apparatus is a tandem type in which one or more photosensitive bodies that are drum-shaped or belt-shaped are provided along the path of a toner image medium, and a toner image formed on each photosensitive body is transferred to said toner image medium generating a composite color image.

17. (Currently Amended) The image forming apparatus as claimed in claim 16, wherein four photosensitive bodies are provided corresponding to magenta, cyan, yellow, and black[[]], or three photosensitive bodies are provided corresponding to red, green, and blue.

18. (Currently Amended) A method of scanning a scanned face with a light beam, comprising the steps of:

emitting, by a light source, said light beam;

deflecting, by a scanning unit, the emitted light beam; and

converging, by a converging unit, the deflected light beam forming a light spot[[;]],

wherein the position of said light spot formed by the converged light beam on said scanned face is adjustable by an adjusting unit[[;]], and the light intensity of said light beam at said scanned face due to change caused by the adjustment of the position of said light spot is compensable by a compensating unit[[;]], and said adjusting unit is provided between said scanning unit and said scanned face and compensates the curvature of a scan line.

19-25. (Canceled)

26. (Currently Amended) The A light scanning apparatus as claimed in claim 21, configured to scan a scanned face with a plurality of N light beams, comprising:

a plurality of adjusting units, each of which is configured to adjust the position of a scan line formed by a corresponding one of the plurality of light beams, wherein at least one of the plurality of adjusting units is a liquid crystal element driven by an electric signal, at least “N-1” N-1 of the plurality of adjusting units are liquid crystal elements[[;]], and a maximum deflecting angle of each liquid crystal element is + / -4.0 (minute) or less.

27. (Canceled)

28. (Currently Amended) The A light scanning apparatus as claimed in claim 21 configured to scan a scanned face with a plurality of N light beams, wherein the plurality of adjusting units each of which is configured to adjust to the position of a scan line formed by a corresponding one of the plurality of light beams[[;]], wherein at least one of the plurality of

adjusting units is a liquid crystal elements element driven by an electric signal, the plurality of adjusting units is a liquid crystal element driven by an electric signal, and the plurality of adjusting units are liquid crystal elements of which a maximum deflecting angle is +/-2.0 (minute).

29-30. (Canceled)

31. (Currently Amended) A light scanning apparatus, comprising:
a liquid crystal element that deflects configured to deflect a light beam from a light source to adjust the position of a light spot formed by said light beam on a scanned face[[;]], wherein the ratio of a change in transmissivity (%) of said liquid crystal element caused by the deflection to a deflecting angle (minute) is equal to or smaller than 2.0 (%/minute).

32. (Original) The light scanning apparatus as claimed in claim 31, wherein said ratio is equal to or smaller than 2.0 (%/minute) in 10 or more ranges of said deflecting angle, said ranges appearing cyclically.

33. (Currently Amended) The light scanning apparatus as claimed in claim 31, further comprising:
a detecting unit that configured to detect detects the intensity of said light beam on said scanned face.

34. (Currently Amended) The light scanning apparatus as claimed in claim 31, further comprising a compensating unit configured to compensate that compensates the intensity of said light beam on said scanned face.

35. (Currently Amended) An image forming apparatus, comprising:

a scanned face; and

a light scanning apparatus ~~that scans~~ configured to scan said scanned face with a light beam and to form ~~forms~~ an electrostatic latent image on said scanned face[[;]], wherein said light scanning apparatus further comprises:

a liquid crystal element configured to deflect ~~that deflects~~ said light beam from a light source to adjust the position of a light spot formed by said light beam on said scanned face[[;]], wherein ~~and~~ the ratio of a change in transmissivity (%) of said liquid crystal element caused by the deflection to a deflecting angle (minute) is equal to or smaller than 2.0 (%/minute).

36. (New) A light scanning apparatus configured to scan a scanned face with a light beam, comprising:

an adjusting unit configured to adjust the position of a light spot of said light beam formed on the scanned face; and

a compensating unit configured to compensate the light intensity of the light beam at the scanned face due to a change caused by the adjustment of the position of the light spot, wherein said adjusting unit further comprises:

a liquid crystal deflecting element array having a plurality of liquid crystal deflecting elements arrayed in main-scan directions, each of which being configured to deflect said light beam in sub-scan directions, said liquid crystal deflecting element array being provided between said scanning unit and said scanned face.